Day/Night PoE PIR IP Dome Camera

FCS-3051

H/W Version: 1

Product Overview

FCS-3051 is a dome type PoE camera for professional surveillance market. With high quality progressive 1/4" CMOS sensor, this camera is capable of providing MPEG4 and MJPEG dual streaming at VGA resolution up to 30fps. The FCS-3051 is an ideal camera for home, business, and public facilities.

Powerful, feature rich PoE IP Network Camera

Despite its compact size, FCS-3051 features vari-focus lens, two-way audio capability, and excellent video quality. IEEE 802.3af PoE compliant, users can install the camera without concerns about the power outlet located near the camera for easy deployment of a PoE enable LAN network.

Passive InfraRed (PIR) Sensor with IR LED

When people pass by or in an emergency situation, the built-in PIR motion detection sensor will activate the infraRed LED and start recording automatically, making it ideal for day and night surveillance, it is able to detect movement up to 5 meters away.
When motion is detected at the specified regions, the additional function of alarm notification can send an E-mail alert or send captured images via FTP upload to a designated storage server.

Bundled LevelOne IP CamSecure Lite

FCS-3051 comes bundled with the LevelOne IP CamSecure Lite Surveillance Management Software. This allows users to monitor cameras up to 32 channels simultaneously.

1. PIR Sensor
2. IR LEDs
3. Lens
4. DC Power Jack
5. RJ-45 Ethernet Port
6. I/O Ports
7. Reset Button
8. 3.5mm Phone Jack

Key Features

- VGA Resolution (640 x 480) at 30fps
- Dual Video Streams for MPEG4 and MJPEG
- Multiple Streaming Protocols (RTP, RTSP, http…)
- Analog Video Output at 480 TV Lines
- Supports Passive InfraRed Receiver (PIR) for motion detection
- Built-in InfraRed (IR) LEDs for night vision
- IEEE802.3af Power over Ethernet (PoE) supported
- Free software included (Industry-leading 32-channel IP CamSecure Lite™ software)

Works Well With

NVR-0204
4-CH Network Video Recorder

WBR-6022
300Mbps HomeGuard 22
Residential Gateway

Technical Specification

Hardware Specifications

System & Network
- CPU: Soc with Hardware MPEG-4 SP/MJPEG Encoders
- Flash ROM: 4 Mbytes
- SDRAM: 32 Mbytes
- LAN: Ethernet 10/100BaseT, Auto-MDIX,

Connectors
- Ethernet, RJ45 connector
- Microphone Input, Speaker Output, Analog Output, 3.5mm Phone Jack (Need a convert cable)
- Power Jack, 2.1mm Phone Jack
- Reset Button, Tack switch

I/O Ports (Dry Contact)
- Input Control x 1
- Output Control x 1
- Ground x2

Power Consumption
10W

Power Adapter
- External Power Adapter: 12V/1A, 90 degree, 2.5mm, 110~240 VAC/60Hz, Switching
- PoE: 48V/0.3A

PIR Sensor
- Sensitivity distance: 5 meters
- Angle degree: 75 degree (cone)
- Focus distance: 6~9 meters

Minimum Illumination
0 Lux with IR on

Optical
- Image Sensor: Progressive 1/4" CMOS sensor, VGA 640x480, Digital Interface
- IR LED: Built-in InfraRed (IR) LEDs for night vision
- Board mount type, vari-focal 3.3mm~12mm, F1.4~2.9

Mechanism
- Dimension: Φ145mm x 102mm (subject to change)
- Weight: 450g

Environmental Conditions
- Working Environment
  Temperature: 0°C ~ 40°C
  Humidity: 10% ~ 80%
- Storage Environment
  Temperature: -20°C ~ 70°C
  Humidity: 0% ~ 90%

Operating System

- Web: Server, For View Video and Configuration
- E-Mail: Client, For event trigger alert notification
- DHCP: Client
- Management: Web Base, HTML, Utility Software (For Windows)
- Protocol Support: TCP/IP, HTTP, HTTPS, DHCP, NTP, SMTP, UPnP, FTP, RTP/RTSP

Video
- Video Compression: MPEG4 / MJPEG

Resolution
- 640x480 (VGA)
- 320x240 (QVGA, system default)
- 160x120 (QQVGA)

Video Controls
- Auto-White-Balance
- Auto- Exposure

Special Video Features
- Time Stamp
- Text Overlay, 20 characters

Browser Support
Internet Explorer 6 and above

ActiveX Support
ActiveX 8.0 and above

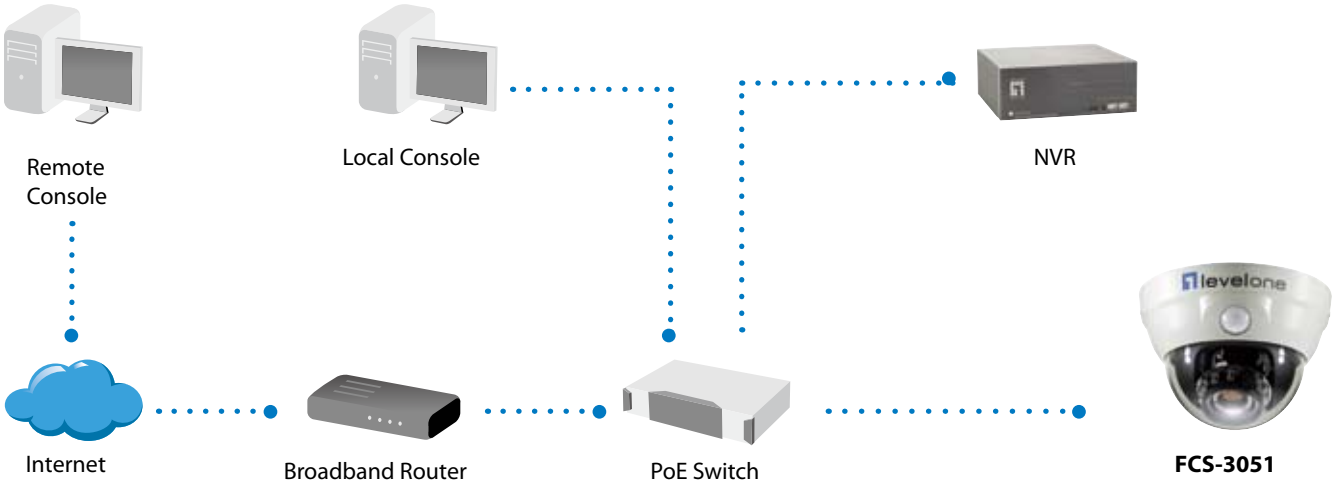
Audio
- Audio Compression: G.726, G.711 (a-law & u-law)
- Sampling Rate: 8 KHz
- Default Bit Rate: 16 Kbps

Alert
- Motion Detection: 4 Detection Areas with individual sensitivity
- I/O Ports: 1 Input and 1 Output ports for external device accessing
- PIR: The Human Detection in 5M range
- E-Mail Alert: 3 e-mail address
- FTP Uploading: 2 FTP servers address and login settings
- Instant Message: 1 Jabber client and 1 HTTP notification for IM notification

Utilities
Bundled with 32-Channel LevelOne IP CamSecure Lite surveillance management software

p.s., The audio upload (for speaker out) only supports G.726 compression method.

Product Diagram



Order Information **FCS-3051:** Day/Night PoE PIR IP Dome Camera

Package Content

FCS-3051

Power Adapter

CD Manual/Utility

Quick Installation Guide

Allen Wrench

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